



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Daniel Xu et al.

Art Unit:

2815

Serial No.:

09/976,641

Examiner:

B. Baumeister

Filed:

October 12, 2001

Atty Docket: ITO.0004US

P12497

For:

Reducing Leakage Currents in

Memories With Phase-Change

Material

9999999

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**Box RCE** 

Commissioner for Patents Washington, DC 20231

SUPPLEMENTAL REPLY TO FINAL REJECTION

Sir:

TECHNOLOGY CENTER 2800 In response to the final rejection, please amend the above-referenced patent application as follows:

## **IN THE CLAIMS**

Please amend claim 1 as follows:

1 (Amended). A method comprising:

forming a buried line of a first conductivity type in a bulk substrate, said buried line including a pair of more lightly doped regions above and below a more heavily doped region;

creating a region of a second conductivity type opposite said first conductivity type in said bulk substrate; and

forming a phase-change material over said region.

Please amend claim 11 as follows:

11 (Amended). A memory cell comprising:

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RCE/28/5/#

PTO/SB/30 (10/2001)

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## REQUEST

**FOR** 

## **CONTINUED EXAMINATION (RCE) TRANSMITTAL**

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Application Number	09/976,641		
Filing Date	October 12, 2001		
First Named Inventor	Daniel Xu		
Art Unit	2815		
Examiner Name	B. Baumeister		
Attorney Docket Number	ITO. 0004US		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.			
a. Previously su i. Consider the (Any unenter iii. Consider fi iiii. Other b. Enclosed i. Amend ii. Affidav  2. Miscellaneous a. Suspension of b. Other 3. Fees The RCE fi a. The Director Deposit Accor i. RCE fe ii. Extensi iii. Other b. Check in the c. Payment by o	e amendment(s)/reply under 37 CFR §1.116 previously red amendment(s) referred to above will be entered). the arguments in the Appeal Brief or Reply Ediment/Reply iii. Information it(s)/Declaration(s) iv. Other of action on the above-identified application months (Period of suspension shall not exceed 3 fee under 37 CFR §1.17(e) is required by 37 CFR §1.17 is hereby authorized to charge the following punt No. 20-1504	Disclosure Statement (IDS) s requested under 37 CFR (months; Fee under 37 CFR§1.17() 14 when the RCE is filed. fees, or credit any overpaym 729/2002 ANDNDAF1 00000033 09 FC:179 Credit card information show	nents, to 976641 740.00 BP
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